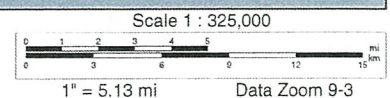
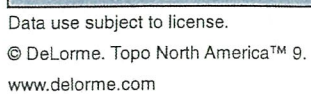
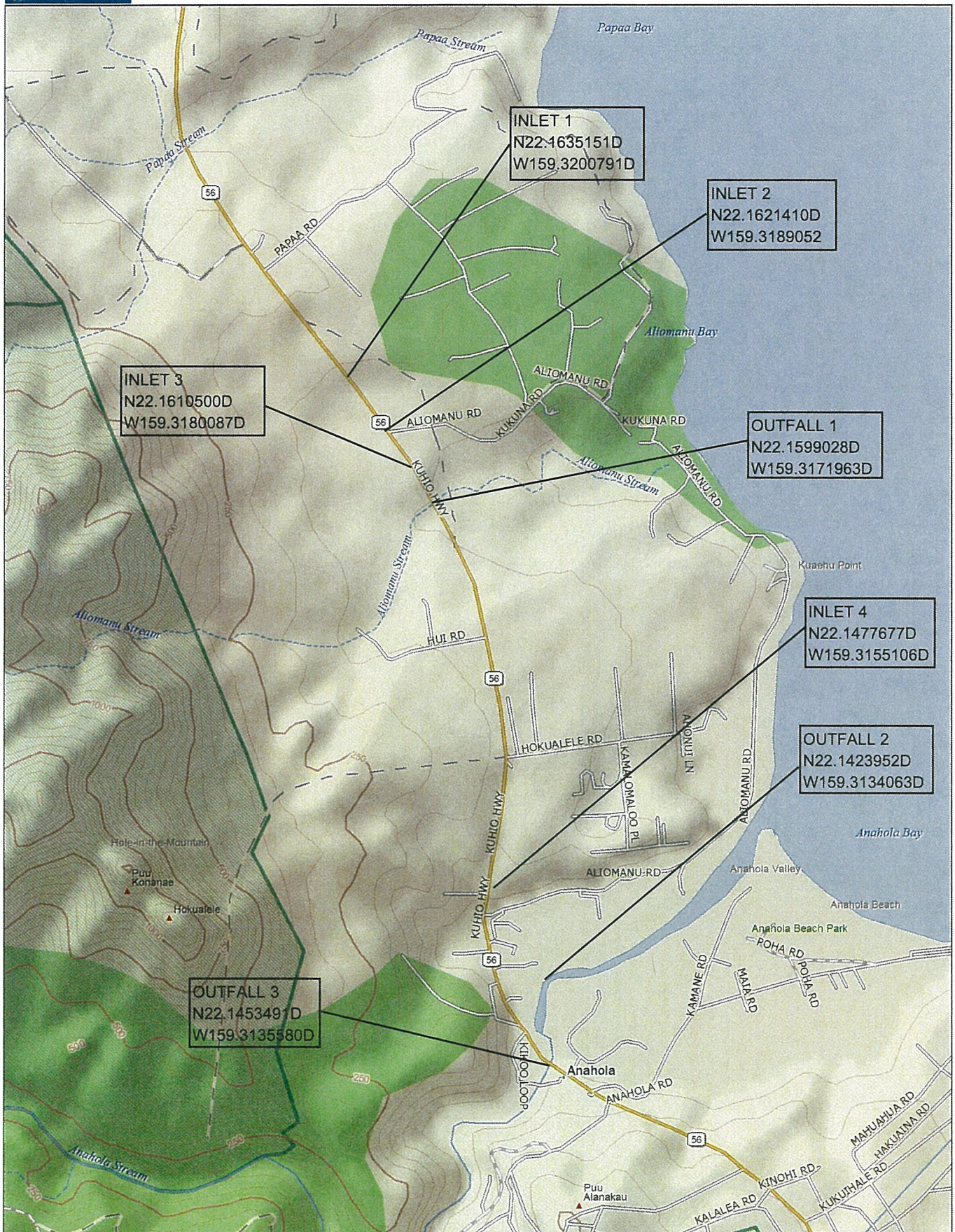


FORM C ATTACHMENT A-1

Location and Outfall Maps

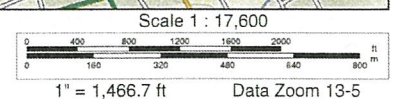




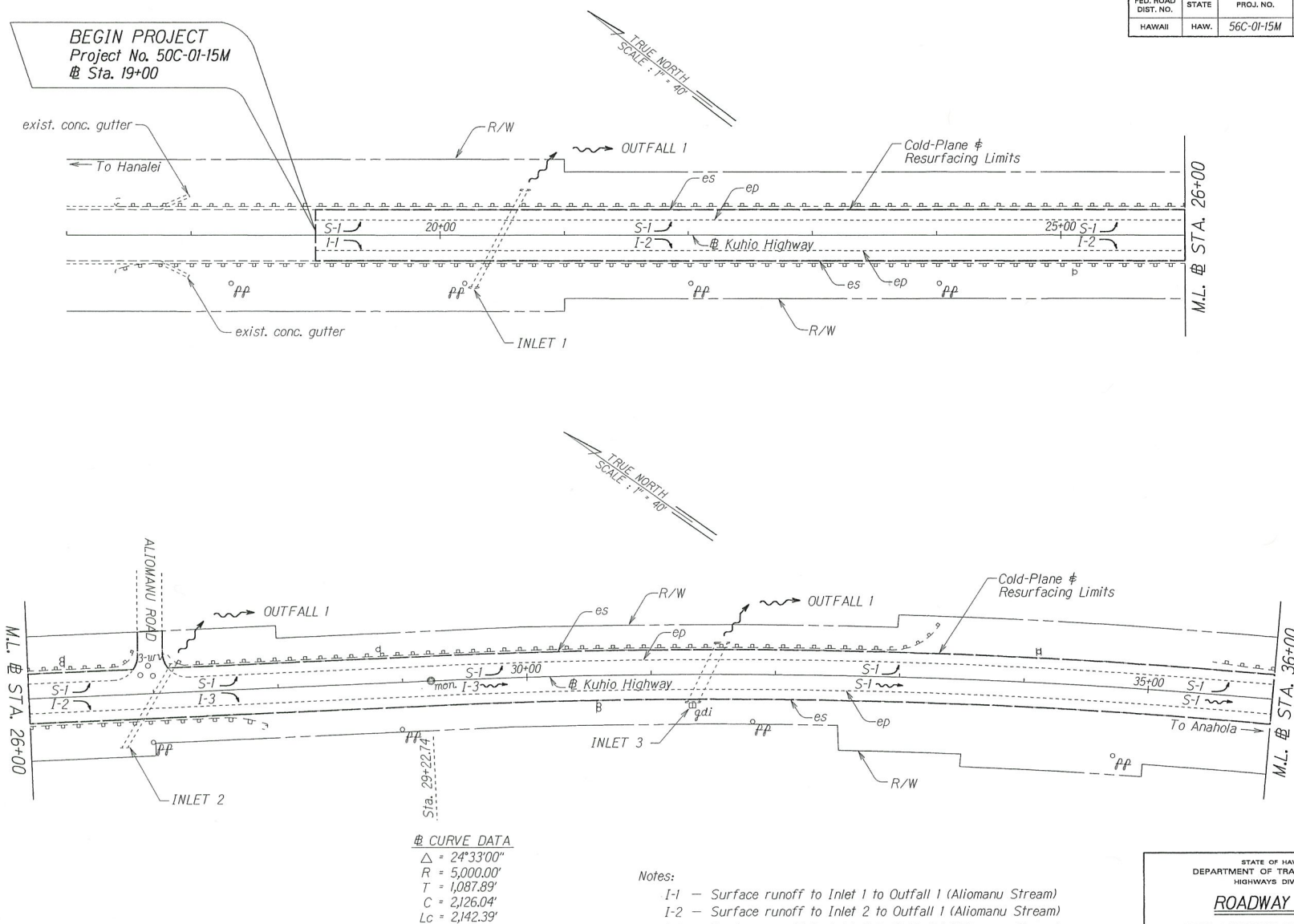
Data use subject to license.

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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	1	4



Notes:

- I-1 - Surface runoff to Inlet 1 to Outfall 1 (Aliomanu Stream)
- I-2 - Surface runoff to Inlet 2 to Outfall 1 (Aliomanu Stream)
- I-3 - Surface runoff to Inlet 3 to Outfall 1 (Aliomanu Stream)
- S-1 - Surface runoff to Outfall 1 (Aliomanu Stream)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY RESURFACING
Papaa Road to Aliomanu Road (South)

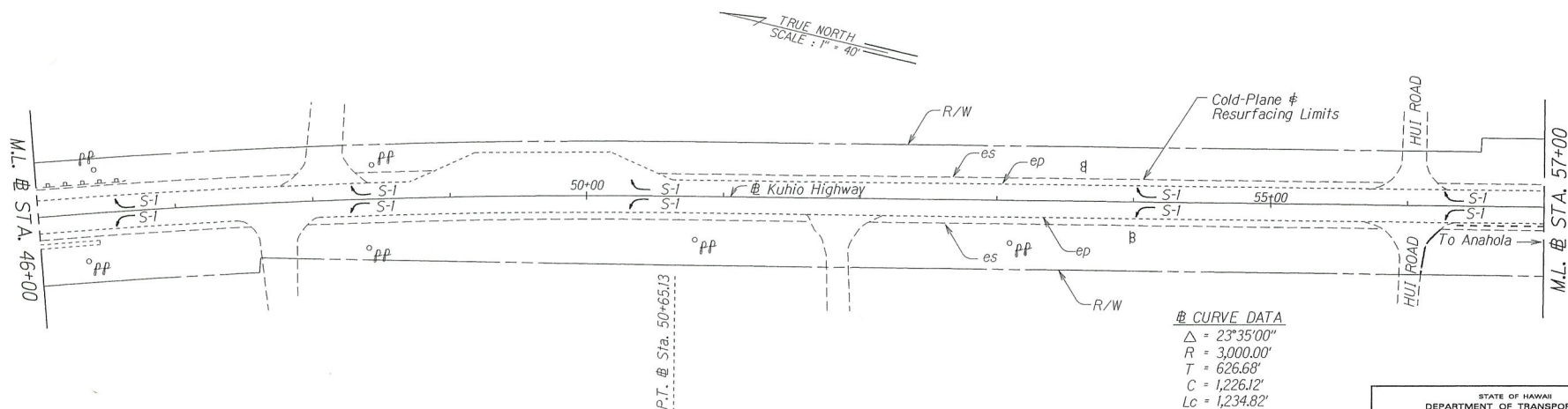
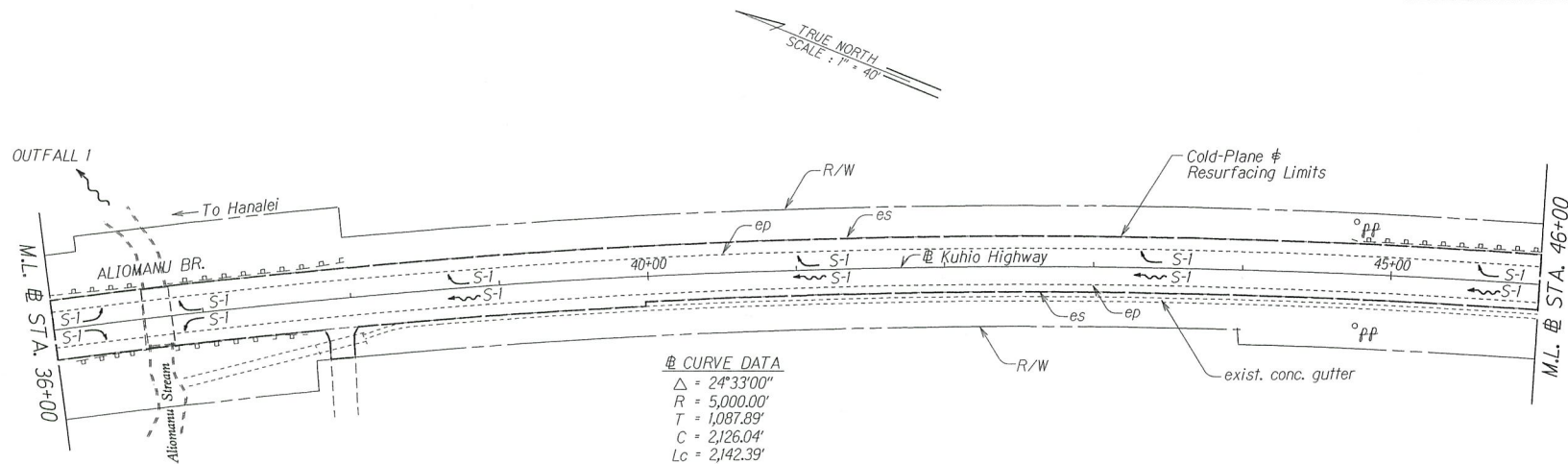
Project No. 56C-01-15M

Scale: 1" = 40' Date: August 2016

SHEET No. 1 OF 4 SHEETS

ORIGINAL	REVISION
PLAN	DATE
DESIGNED BY	CHECKED BY
DRAWN BY	DATE
NOTED BY	
IN CHARGE	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	2	4



Notes:
S-1 - Surface runoff to Outfall 1 (Aliomanu Stream)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

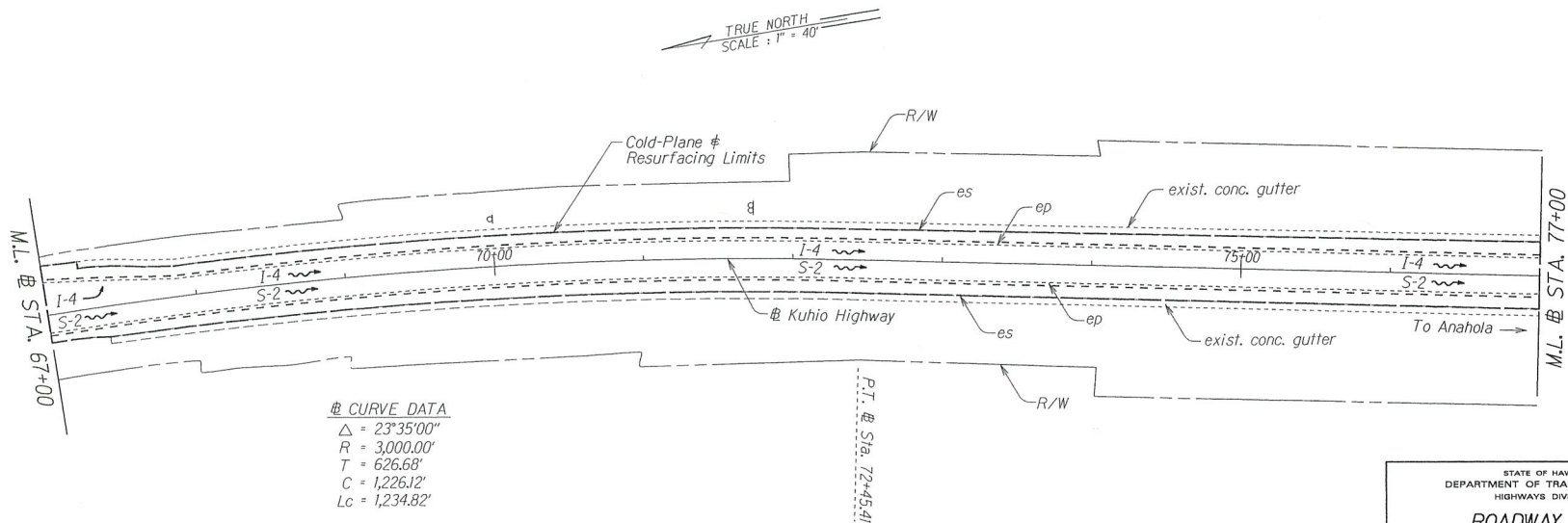
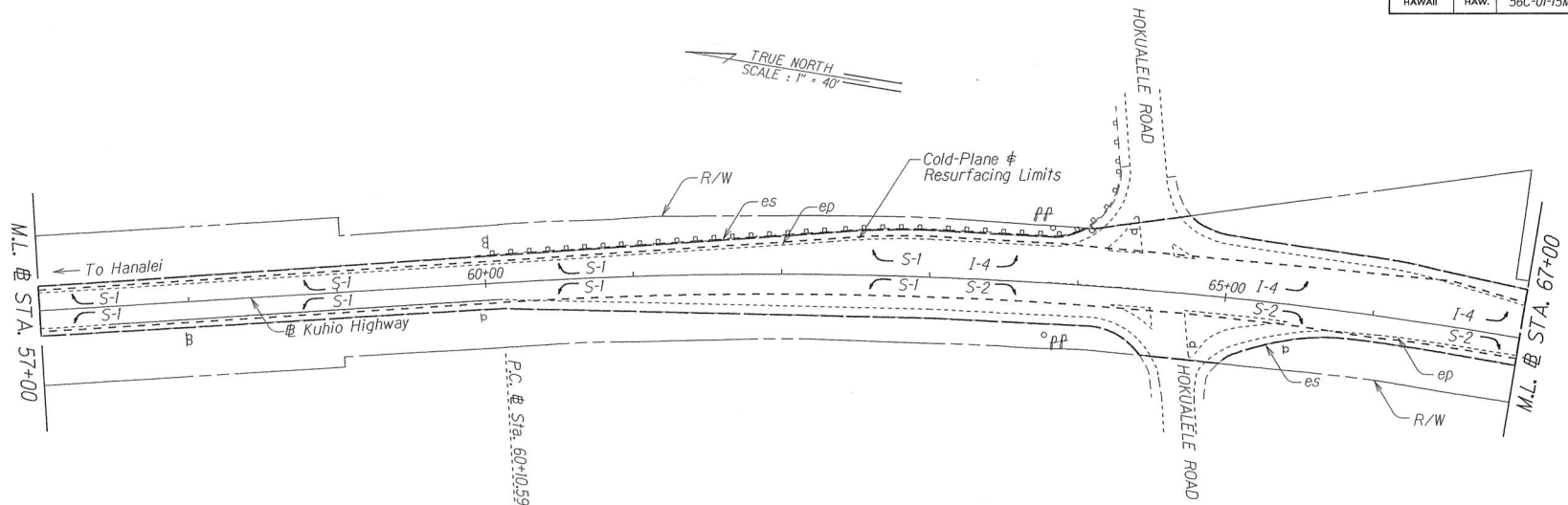
KUHIO HIGHWAY RESURFACING
Papāa Road to Aliomanu Road (South)
Project No. 56C-01-15M

Scale: 1" = 40' Date: August 2016

SHEET No. 2 OF 4 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
REVISIONS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	3	4



@ CURVE DATA
 $\Delta = 23^\circ 35' 00''$
 $R = 3,000.00'$
 $T = 626.68'$
 $C = 1,226.12'$
 $Lc = 1,234.82'$

Notes:

- I-4 - Surface runoff to Inlet 4 to Outfall 2 (Anahola Stream)
- S-1 - Surface runoff to Outfall 1 (Aliomanu Stream)
- S-2 - Surface runoff to Outfall 2 (Anahola Stream)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

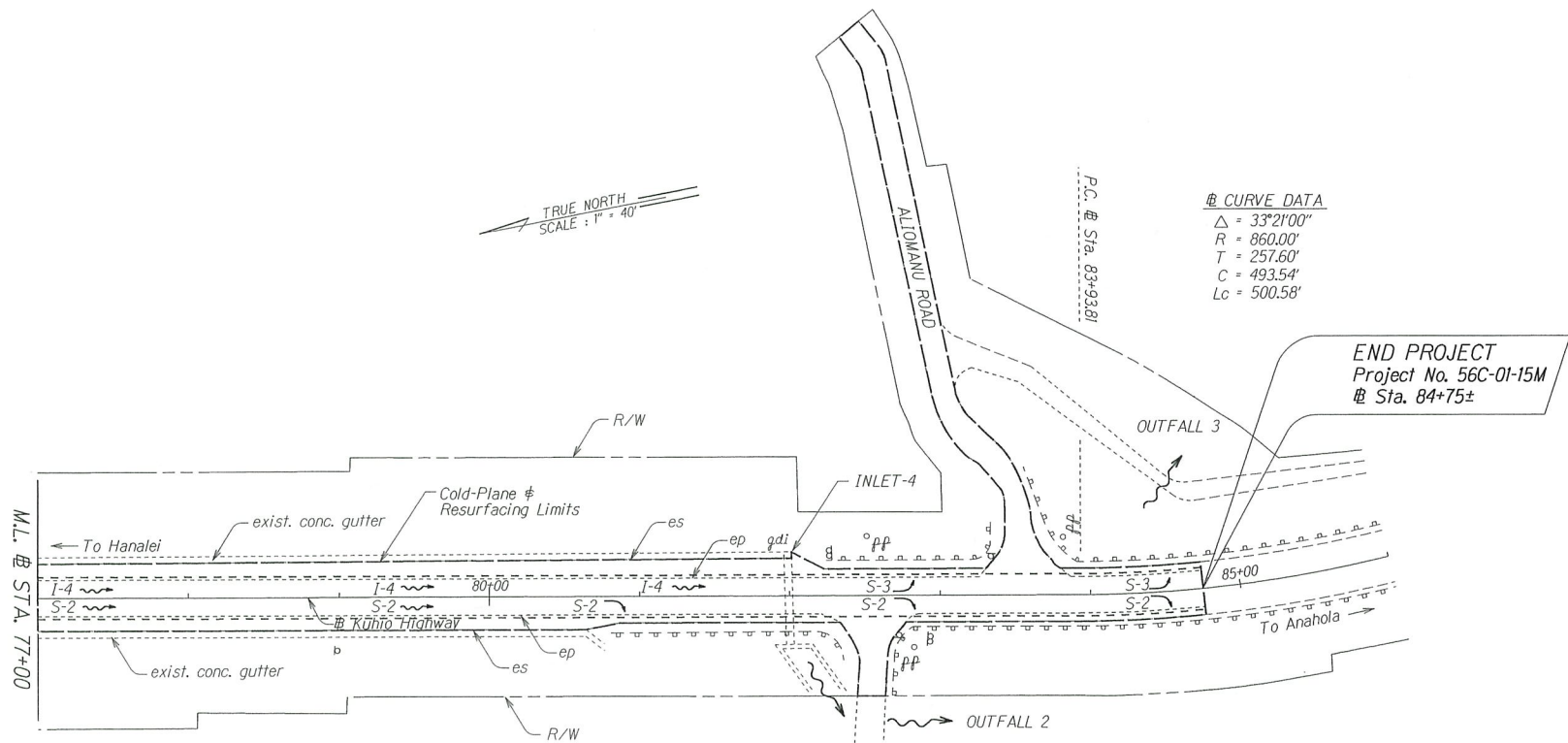
ROADWAY PLAN

KUHIO HIGHWAY RESURFACING
 Papaa Road to Aliomanu Road (South)
 Project No. 56C-01-15M

Scale: 1" = 40' Date: August 2016

SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	4	4



Notes:

- I-4 — Surface runoff to Inlet 4 to Outfall 2 (Anahola Stream)
- S-2 — Surface runoff to Outfall 2 (Anahola Stream)
- S-3 — Surface runoff to Outfall 3 (Anahola Stream)

DESIGNED BY	DATE
CHECKED BY	
INVEST. PLANNED BY	
DESIGNED BY	
CHECKED BY	
INVEST. PLANNED BY	
DESIGNED BY	
CHECKED BY	
INVEST. PLANNED BY	
DESIGNED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY RESURFACING
Papāa Road to Aliomanu Road (South)
Project No. 56C-01-15M

Scale: 1" = 40' Date: August 2016

SHEET No. 4 OF 4 SHEETS